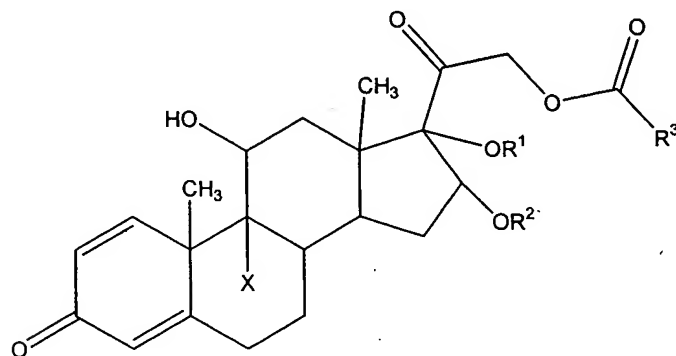


CARBONATE AND CARBAMATE
MODIFIED FORMS OF GLUCOCORTICOIDS
IN COMBINATION WITH β_2 ADRENERGIC AGONISTS

Abstract of the Disclosure

Compositions containing β_2 adrenergic agonists in combination with carbonates and carbamates of the formula



and in combination with related steroid carbonates and carbamates are disclosed. The compositions are useful for treating bronchospasm, for inducing bronchodilation and for treating rhinitis, asthma, and chronic obstructive pulmonary disease (COPD) and inflammatory diseases, particularly by inhalation.